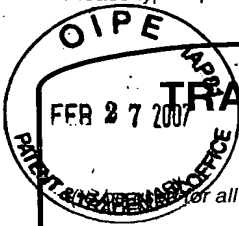


Please type a plus sign (+) inside this box → +



# TRANSMITTAL FORM

Use this box for all correspondence after initial filing)

Application Number	10/574,778
Filing Date	April 6, 2006
Inventor(s)	Kazuhiro MANSEKI et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	9694D-000041/US

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and ____ Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks <b>MAIL STOP: PCT</b>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Donald J. Daley	Reg. No. 34,313
Signature			
Date	February 27, 2007		

DJD/CDW:psy



Mail Stop PCT  
PATENT  
9694D-000041/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICATION. NO.: 10/574,778  
APPLICANT: Kazuhiro MANSEKI et al.  
INTERNATIONAL APPL. NO.: PCT/JP04/14848  
CONF.: 2533  
FILED: April 6, 2006  
FOR: RARE EARTH COMPLEX EXCELLENT IN  
THERMAL RESISTANCE

---

**RESPONSE TO NOTICE TO FILE MISSING  
REQUIREMENTS OF AN APPLICATION**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop PCT**

February 27, 2007

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

☒ Executed Declaration and Power of Attorney.

☒ Original

☐ Photocopy

☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on , including any amendments thereto (if applicable) filed on even date therewith.

☒ The undersigned hereby declares that "Attorney Docket No. 9694D-000041/US" on page 1 of the attached inventors' Declaration corresponds to Appl. No. 10/574,778 filed April 6, 2006 entitled "RARE EARTH COMPLEX EXCELLENT IN THERMAL RESISTANCE."

☐ English language specification, claims, and Abstract with ( ) sheets of drawings.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Attached is a copy of Form PCT/DO/EO/905.

☐ \_\_\_\_\_

☒ No extension fee is required because the undersigned has filed the documents within the allotted time given by the Notification of Missing Requirements (Form PCT/DO/EO/905). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☐ Applicant(s) hereby respectfully petitions for ( ) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.

☒ The Government Filing Surcharge in the amount of **\$130.00** in accordance with 37 C.F.R. §§ 1.494 and 1.492 **was previously paid for** concurrently with the filing of the application on **April 6, 2006**.

☐ Submitted concurrently herewith **under separate cover** for recording is an Assignment.

☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.

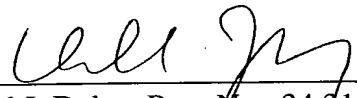
☐ Check(s) in the amount of \$0.00 to cover the above-mentioned fees is/are enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY & PIERCE, P.L.C.

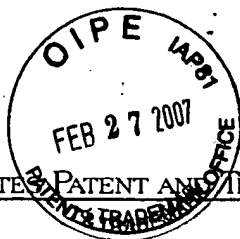
By

  
Donald J. Daley, Reg. No. 34,313  
P.O. Box 8910  
Reston, VA 20195  
(703) 668-8000

DJD/CDW:psy

Attachment: Executed Declaration (three (3) pages)  
Copy of Form PCT/DO/EO/905 (two (2) pages)

(Rev. 01/13/05)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1-450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,778	Kazuhiro Manseki	9694D-000047/US

INTERNATIONAL APPLICATION NO.
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PCT/JP04/14848

I.A. FILING DATE	PRIORITY DATE
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10/07/2004

10/07/2003

30593  
 HARNESS, DICKEY & PIERCE, P.L.C.  
 P.O. BOX 8910  
 RESTON, VA 20195

*Miss Rights  
 2/28/07*

CONFIRMATION NO. 2533

371 FORMALITIES LETTER



\*OC000000021776229\*

Date Mailed: 12/28/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/06/2006
- English Translation of the IA filed on 04/06/2006
- Copy of the International Search Report filed on 04/06/2006
- Preliminary Amendments filed on 04/06/2006
- Information Disclosure Statements filed on 04/06/2006
- Request for Immediate Examination filed on 04/06/2006
- U.S. Basic National Fees filed on 04/06/2006
- Priority Documents filed on 04/06/2006
- Specification filed on 04/06/2006
- Claims filed on 04/06/2006
- Drawings filed on 04/06/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

RECEIVED

DEC 29 2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,778	PCT/JP04/14848	9694D-00004/US

FORM PCT/DO/EO/905 (371 Formalities Notice)